

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/087265**A. CLASSIFICATION OF SUBJECT MATTER***G06F 17/00(2006.01)i, G06F 15/16(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 8 : G06F 3/00, G06F 11/36, G09G 5/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models since 1975
Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS (KIPO internal) : "script and function and call and intercept"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y ----- A	US 2005-0182924 A1 (Aaron Sauve et al.) 2005.08.18. see paragraphs[0024]~[0035] ; fig.2~8.	1,7,15 ----- 2-6, 8-14, 16-20
Y ----- A	US 2003-0088807 A1 (Bernd J.W. Mathiske et al.) 2003.05.08 see abstract ; paragraph[0035] ; fig.3.	1,7,15 ----- 2-6, 8-14, 16-20
A	US 2005-0066290 A1 (Anil Kummar Chebolu et al.) 2005.03.24. see abstract ; paragraphs[0035]~[0047] ; fig.3~4.	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

25 JUNE 2009 (25.06.2009)

Date of mailing of the international search report

25 JUNE 2009 (25.06.2009)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 139 Seonsa-ro, Seo-
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Facsimile No. 82-42-472-7140

Authorized officer

KIM, SANG CHEOL

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2005-0182924 A1	18.08.2005	CN 1886725 A EP 1716480 A2 JP 2007-522581 T KR 10-2006-0122674 A KR 10-2009-0005228 A US 7111246 B2 WO 2005-081665 A2 WO 2005-081665 A3	27.12.2006 02.11.2006 09.08.2007 30.11.2006 12.01.2009 19.09.2006 09.09.2005 20.04.2006
US 2003-0088807 A1	08.05.2003	None	
US 2005-0066290 A1	24.03.2005	None	

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To: MICROSOFT CORPORATION Attention - Sharon Rydberg 8/2321 LCA, International Patent Department One Microsoft Way Redmond, Washington 98052-6399 USA

Date of mailing (day/month/year) 25 JUNE 2009 (25.06.2009)
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Applicant's or agent's file reference 322493.03 WO

FOR FURTHER ACTION

See paragraph 2 below

International application No. PCT/US2008/087265	International filing date (day/month/year) 17 DECEMBER 2008 (17.12.2008)	Priority date(day/month/year) 11 JANUARY 2008 (11.01.2008)
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International Patent Classification (IPC) or both national classification and IPC

G06F 17/00(2006.01)i, G06F 15/16(2006.01)i

Applicant

MICROSOFT CORPORATION

1. This opinion contains indications relating to the following items:

- | | | |
|-------------------------------------|--------------|--|
| <input checked="" type="checkbox"/> | Box No. I | Basis of the opinion |
| <input type="checkbox"/> | Box No. II | Priority |
| <input type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> | Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input type="checkbox"/> | Box No. VI | Certain documents cited |
| <input type="checkbox"/> | Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> | Box No. VIII | Certain observations on the international application |

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/KR Korean Intellectual Property Office Government Complex-Daejeon, 139 Seonsa-ro, Seo-gu, Daejeon 302 -701, Republic of Korea Facsimile No. 82-42-472-7140

Date of completion of this opinion 25 JUNE 2009 (25.06.2009)

Authorized officer KIM, SANG CHEOL Telephone No.82-42-481-8521
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**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

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Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of :

- ☒ the international application in the language in which it was filed
- ☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43*bis*.1(a))

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing
- ☐ table(s) related to the sequence listing

b. format of material

- ☐ on paper
- ☐ in electronic form

c. time of filing/furnishing

- ☐ contained in the international application as filed.
- ☐ filed together with the international application in electronic form.
- ☐ furnished subsequently to this Authority for the purposes of search.

4. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

5. Additional comments:

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Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-20	YES
	Claims	None	NO
Inventive step (IS)	Claims	2-6, 8-14, 16-20	YES
	Claims	1,7,15	NO
Industrial applicability (IA)	Claims	1-20	YES
	Claims	None	NO

2. Citations and explanations :

Reference is made to the following documents :

D1 : US 2005-0182924 A1

D2 : US 2003-0088807 A1

D3 : US 2005-0066290 A1

1. Novelty and Inventive Step

1.1 Independent Claim [1, 7 and 15]

Claims 1, 7 and 15 are independent claims in the present invention.

D1, which is considered to be the closest prior art to the subject matter of the present invention, discloses a method comprising; loading a web page, detecting objects by a object detector, and offering a decision opportunity to the user.

Claim 1 or claim 15 differs from D1 in that document D1 does not contain the detail concept of intercepting a script.

However, D2 teaches the idea of intercepting function calls at the interceptor library for check-pointing an application within a computer system (see paragraph 0035).

Accordingly, claims 1 and 15, which are a method of evaluating a web interactive component and a method of securing a web interactive function, respectively, would have been obvious over D1 in view of D2.

Therefore, claims 1 and 15 lack an inventive step under PCT Article 33(3).

Claim 7 relates to a system for a evaluating security of script content.

And, D1 discloses a system having the function of the security in a computer environment. And also, it would be obvious to a person skilled in the art to apply the feature of the intercepting of D2 to the system of D1.

Therefore, claim 7 lacks an inventive step under PCT Article 33(3).

1.2 Dependent Claim [2~6, 8~14, 16~20]

The additional features of dependent claims 2~6, 8~14, and 16~20 are neither disclosed nor suggested by any one of the available prior art documents.

(to be continued to Supplemental Box)

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Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of :

(Continuation of Box No. v)

Therefore, a combination of at least one of these claims with the claims to which they refer could be considered as novel and inventive under PCT Article 33(2) and (3).

2. Industrial Applicability

Claims 1~20 are industrially applicable under PCT Article 33(4).